

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	31	(mabuchi-kim\$.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:06
L2	21	1 and (hollow near (fiber fibre filament membrane))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:06
L3	18	2 and polysulfone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:07
L4	10	3 and (pvp (polyvinyl near pyrrolidone) polyvinylpyrrolidone vinylpyrrolidone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:08

L5	10	4 and ((inner outer) near (layer surface))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:09
L6	11	(tamaura-nori\$.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:19
L7	11	6 not 5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:20
L8	0	7 and (hollow near (fiber fibre filament membrane))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:20
L9	80	(tamamura-nori\$.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:20
L10	64	9 and (hollow near (fiber fibre filament membrane))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:20

L11	14	10 and (pvp (polyvinyl near pyrrolidone) polyvinylpyrrolidone vinylpyrrolidone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:20
L12	7	11 and ((inner outer) near (layer surface))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:21
L13	7	12 not 6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:21
L14	2	13 not 5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:21
L15	1298	(sakurai-hide\$.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:23
L16	72	15 and (hollow near (fiber fibre filament membrane))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:23

L17	7	16 and (pvp (polyvinyl near pyrrolidone) polyvinylpyrrolidone vinylpyrrolidone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:23
L18	6	17 and ((inner outer) near (layer surface))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:23
L19	4	18 not 5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:23
L20	2	19 not 13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:24
L21	2	20 not 14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:24
L22	1110	((kato-nori\$.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:26

L23	97	22 and (hollow near (fiber fibre filament membrane))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:26
L24	28	23 and (pvp (polyvinyl near pyrrolidone) polyvinylpyrrolidone vinylpyrrolidone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:26
L25	12	24 and ((inner outer) near (layer surface))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:26
L26	4	25 not 5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:26
L27	3	26 not 13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:26
L28	3	27 not 17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:27

L29	3	28 not 21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:27
L30	274	(shibano-hiro\$.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:36
L31	59	30 and (hollow near (fiber fibre filament membrane))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:36
L32	13	31 and (pvp (polyvinyl near pyrrolidone) polyvinylpyrrolidone vinylpyrrolidone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:37
L33	6	32 and ((inner outer) near (layer surface))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:37
L34	2	33 not 5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:37

L35	2	34 not 29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:42
L36	2	34 not 21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:42
L37	0	34 not 14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:42
L38	465	(nose-kats\$.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:43
L39	53	38 and (hollow near (fiber fibre filament membrane))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:43
L40	10	39 and (pvp (polyvinyl near pyrrolidone) polyvinylpyrrolidone vinylpyrrolidone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:43

L41	6	40 and ((inner outer) near (layer surface))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:43
L42	2	41 not 5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:43
L43	0	42 not 13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:43
L44	2	"5340480".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:43
L45	29	("5071973").PN. OR ("5340480").UPPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/01 11:44
L46	21	45 and (pvp (polyvinyl near pyrrolidone) polyvinylpyrrolidone vinylpyrrolidone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:44

L47	21	46 and polysulfone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:44
L48	4	47 and "1.1"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:45
L49	3544	210/500.23,500.27,500.42,500.36,500.41.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:50
L50	1629	49 and (hollow near (fiber fibre filament membrane))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:53
L51	297	50 and (pvp (polyvinyl near pyrrolidone) polyvinylpyrrolidone vinylpyrrolidone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:53
L52	247	51 and polysulfone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:53

L53	5	52 and (((inner outer) near (layer surface)) near5 "1.1")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:54
L54	6	50 and (((inner outer) near (layer surface)) near5 "1.1")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:59
L55	1	54 not 53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2009/10/01 11:59

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L56	10	(mabuchi-kim\$.in.)	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:00
L57	10	56 and (hollow near (fiber fibre filament membrane))	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:02
L58	10	57 and polysulfone	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:03
L59	10	58 and (pvp (polyvinyl near pyrrolidone) polyvinylpyrrolidone vinylpyrrolidone)	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:03
L60	10	59 and (((inner outer) near (layer surface))	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:03
L61	3	60 and (((inner outer) near (layer surface)) near5 "1.1")	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:04

L62	0	(tamaura-nori\$.in.)	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:08
L63	6	(tamamura-nori\$.in.)	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:08
L64	6	63 and (hollow near (fiber fibre filament membrane))	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:08
L65	6	64 and polysulfone	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:08
L66	6	65 and (pvp (polyvinyl near pyrrolidone) polyvinylpyrrolidone vinylpyrrolidone)	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:08
L67	2	66 and (((inner outer) near (layer surface)) near5 "1.1")	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:08
L68	0	67 not 61	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:09
L69	161	(sakurai-hide\$.in.)	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:09
L70	7	69 and (hollow near (fiber fibre filament membrane))	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:10
L71	4	70 and polysulfone	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:10
L72	4	71 and (pvp (polyvinyl near pyrrolidone) polyvinylpyrrolidone vinylpyrrolidone)	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:10
L73	0	72 and (((inner outer) near (layer surface)) near5 "1.1")	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:10
L74	174	(kato-nori\$.in.)	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:11
L75	9	74 and (hollow near (fiber fibre filament membrane))	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:11
L76	9	75 and polysulfone	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:11
L77	9	76 and (pvp (polyvinyl near pyrrolidone) polyvinylpyrrolidone vinylpyrrolidone)	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:11

L78	2	77 and (((inner outer) near (layer surface)) near5 "1.1")	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:12
L79	28	(shibano-hiro\$.in.)	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:14
L80	6	79 and (hollow near (fiber fibre filament membrane))	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:15
L81	6	80 and polysulfone	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:15
L82	5	81 and (pvp (polyvinyl near pyrrolidone) polyvinylpyrrolidone vinylpyrrolidone)	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:15
L83	1	82 and (((inner outer) near (layer surface)) near5 "1.1")	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:15
L84	35	(nose-kat\$.in.)	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:16
L85	5	84 and (hollow near (fiber fibre filament membrane))	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:16
L86	5	85 and polysulfone	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:16
L87	5	86 and (pvp (polyvinyl near pyrrolidone) polyvinylpyrrolidone vinylpyrrolidone)	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:16
L88	1	87 and (((inner outer) near (layer surface)) near5 "1.1")	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:16
L89	1582	(hollow near (fiber fibre filament) near membrane).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:18
L90	8417	polysulfone.clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:18
L91	20784	(pvp (polyvinyl near pyrrolidone) polyvinylpyrrolidone vinylpyrrolidone (hydrophilic near polymer)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:19
L92	3197	(uppermost near layer).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:19

L93	362593	((inner outer) near (layer surface)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:20
L94	19149	("1.1").clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:20
L95	2	89 and 90 and 91 and 92 and 93 and 94	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:21
L96	2	89 and 90 and 91 and 92 and 93	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:22
L97	21	89 and 90 and 91 and 93	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:22
L98	4	97 and 94	US-PGPUB; USPAT; UPAD	OR	ON	2009/10/01 12:22

10/1/09 12:59:06 PM

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